



FACILITY COMPLIANCE INSPECTION REPORT

Division of Waste Management

Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer		Compost	X	SLAS		COUNTY: MITCHELL PERMIT NO.: 6101-COMPOST FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P		FIRM		
CDFL		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Site Inspection: 9/26/2013

Date of Last Inspection: 10/19/2012 (Demonstration Project)

FACILITY NAME AND ADDRESS:

Penland School of Crafts
PO Box 37
Penland, NC 28765

GPS COORDINATES: N: 35.937678 E: -82.118394

FACILITY CONTACT NAMES AND PHONE NUMBER:

David Sommer, P.E., LEED AP
Director of Facilities and Grounds
Telephone: 828-765-0477
Fax: 828-765-2235
davidsommer@penland.org

Bronwyn May, Gardener
bronwynmay@penland.org

FACILITY CONTACT ADDRESS:

Same as Facility Address.

PARTICIPANTS:

Bronwyn May, Gardener
Deb Aja – Solid Waste Section

STATUS OF PERMIT:

Active. A Permit to Operate was issued on March 18, 2013 and shall expire on March 18, 2015. This facility previously operated as a Demonstration Project (SWCD-61-01).

PURPOSE OF SITE VISIT:

Comprehensive Inspection.

STATUS OF PAST NOTED VIOLATIONS: N/A.

OBSERVED VIOLATIONS:

There were no violations observed.

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

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Figure 1 - Facility Location (Imagery Date 10/20/2010)

ADDITIONAL COMMENTS

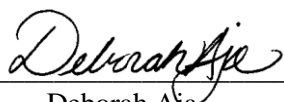
1. The Small Type 3 Compost facility is approve to produce compost from the Penland School of Crafts food waste [pre and post-consumer food waste] and yard waste for use in on-campus gardens. The compost is not offered to the public.
2. The facility is located in an open field. There are no non-owned residential dwellings in the vicinity of the composting operations.
3. Two composting methodologies utilized – a bin system and windrow system. A bin system is used for the primary composting of the food and yard waste. Windrows are utilized for pathogen reduction & curing. One bin of wooden pallet construction was currently in use.
4. Food waste is placed in the bin on a base layer of carbon material [leaves, woodchips] which also line the sides to absorb excess moisture from the waste and to reduce odors and flies. At the time of the inspection flies were present in the bin and at the facility. **Additional material should be placed over the food waste to control flies. A screen or other measures should be put in place to prevent scavengers from disturbing the cover.** A screen would also help to prevent cross contamination from material in-process to finished compost.
5. The facility setbacks were maintained.
6. The distance from the woods to the windrows was increased to allow for vehicle access since the previous inspection.
7. There was no surface water present at the operational, compost curing, and storage areas.
8. Dust was controlled at the facility.
9. There was no evidence of erosion or movement of silt or contaminants from the site operational areas.
10. The facility is accepting wastes that it is permitted to receive.
11. Food odor was detected within a few feet of the bin. There was no odor detected around the curing areas.
12. Excess moisture was effectively controlled by sawdust and a trench placed downgradient of the operational areas. There was no moisture/leachate present around the bin, windrows, or cure piles.
13. No foreign objects were observed in the windrows and cure piles.

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14. Analytical results for the 2012 final compost product were provided post inspection. The first batch produced in 2013 is currently due for testing as required by the Permit to Operate 6101-COMPOST Condition Number 15 and the Solid Waste Compost Rules (Rule .1408).
15. Temperature records were reviewed on site. Temperatures were maintained as required.
16. The facility received 15.7 tons of food waste and 6.25 tons of yard waste in 2013. The tonnage is required to be reported each year. Please see: <http://portal.ncdenr.org/web/wm/sw/annualreports> and Permit to Operate 6101-COMPOST Condition Number 16.
17. The access road to the facility was deeply rutted. While the facility was accessible via the mowed field the access road should be maintained to prevent erosion upgradient of the facility.

Please contact me if you have any questions or concerns regarding this inspection report.



Deborah Aja
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Regional Representative
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Asheville Regional Office
2090 US Hwy 70
Swannanoa, NC 28778

Sent on: October 15, 2013 to Dave Sommer and Browyn May by:	X	Email		Hand delivery		US Mail		Certified No. <input type="checkbox"/>
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EC: Jason Watkins, Western District Supervisor
Tony Gallagher, Composting and Land Application Branch Supervisor
Sarah Rice, Compliance Officer